

WHAT IS CLAIMED IS:

1. A deicing composition comprising at least 20% by weight of desugared molasses and a second deicing component, said second deicing component being selected from the group consisting of ethylene glycol, di-ethylene glycol, soluble potassium salts, and the sodium, calcium, magnesium, and potassium salts of acetate, chloride, carbonate, and formate.

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2. A deicing composition according to claim 1, said desugared molasses comprising desugared sugar cane molasses.

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3. A deicing composition according to claim 1, said desugared molasses having from about 60 to 75% solids.

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4. A deicing composition according to claim 1, said second component being present in said composition in an amount ranging from about 5% to about 80% by dry weight.

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5. A deicing composition according to claim 4, said second component being present in said composition in an amount ranging from about 10% to about 60% by dry weight.

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6. A deicing composition according to claim 4, said second component being sodium chloride.

7. A deicing composition according to claim 6, said desugared molasses comprising desugared sugar cane molasses.

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8. A composition according to claim 1, further including an anti-skid agent, said anti-skid agent being present in an amount effective to retard skidding when said composition is applied to a surface.

9. A composition according to claim 7, said anti-skid agent being selected from the group consisting of sand, gravel, cinder, limestone aggregate, fire ash, river rock, and mixtures thereof.

5 10. A composition according to claim 8, said anti-skid agent being sand.

11. A composition for deicing or inhibiting the formation of ice and snow on surfaces comprising a mixture of desugared sugar cane molasses and rock salt and including from 8 to 10 gallons of desugared sugar cane molasses per ton of rock salt.

12. A method for forming a deicing composition, comprising providing a desugared molasses, and mixing said desugared molasses with water and a salt, said salt being selected from the group consisting of the soluble potassium salts and the sodium, calcium, magnesium, and potassium salts of acetate, chloride, and formate.

13. A method according to claim 11, said desugared molasses comprising desugared sugar cane molasses.

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14. A method according to claim 13, said salt comprising sodium chloride.

icy surface a deicing composition in an amount effective to reduce the level of ice on said surface, said composition comprising at least 20% by weight of desugared molasses and a second deicing component, said second deicing component being selected from the group consisting of ethylene glycol, di-ethylene glycol, soluble potassium salts, and the sodium, calcium, magnesium, and potassium salts of acetate, chloride, and formate.

16. A method according to claim 15, said desugared molasses comprising desugared sugar cane molasses.

17. A method according to claim 15, said desugared molasses having
5 from about 60 to 75% solids.

18. A method according to claim 15, said second component being present in said composition in an amount ranging from about 5% to about 80% by dry weight.

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19. A method according to claim 18, said second component being present in said composition in an amount ranging from about 10% to about 60% by dry weight.

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20. A method according to claim 15, said second component being sodium chloride.

21. A method according to claim 15, said desugared molasses being desugared sugar cane molasses.

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22. A method according to claim 15, said composition further including an anti-skid agent, said anti-skid agent being present in an amount effective to retard skidding when said composition is applied to a surface.

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23. A method according to claim 22, said anti-skid agent being selected from the group consisting of sand, gravel, cinder, limestone aggregate, fire ash, river rock, and mixtures thereof.

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24. A method according to claim 23, said anti-skid agent being sand.

25. A method for deicing an icy surface, comprising applying to said icy surface a deicing composition, said deicing composition comprising a mixture of

desugared sugar cane molasses and rock salt and including from 8 to 10 gallons of desugared sugar cane molasses per ton of rock salt.

26. A method for inhibiting the formation of ice on a surface,
5 comprising applying to said surface an amount of an anti-icing composition
effective to retard the formation of ice on said surface, said composition
comprising at least 20% by weight of desugared molasses and a second deicing
component, said second deicing component being selected from the group
consisting of ethylene glycol, di-ethylene glycol, soluble potassium salts, and the
10 sodium, calcium, magnesium, and potassium salts of acetate, chloride, and
formate.

27. A method according to claim 26, said desugared molasses
comprising desugared sugar cane molasses.

15 28. A method according to claim 26, said desugared molasses having
from about 60 to 75% solids.

29. A method according to claim 26, said second component being
20 present in said composition in an amount ranging from about 5% to about 80% by
dry weight.

30. A method according to claim 29, said second component being
present in an amount ranging from about 10% to about 60% by dry weight.

25 31. A method according to claim 26, said second component being
sodium chloride.

32. A method according to claim 26, said desugared molasses being
30 desugared sugar cane molasses.

33. A method according to claim 26, said composition further including an anti-skid agent, said anti-skid agent being present in an amount effective to retard skidding when said composition is applied to a surface.

5 34. A method according to claim 33, said anti-skid agent being selected from the group consisting of sand, gravel, cinder, limestone aggregate, fire ash, river rock, and mixtures thereof.

10 35. A method according to claim 34, said anti-skid agent being sand.

15 36. A method for inhibiting the formation of ice on a surface, comprising applying to said surface an anti-icing composition, said anti-icing composition comprising a mixture of desugared sugar cane molasses and rock salt and including from 8 to 10 gallons of desugared sugar cane molasses per ton of rock salt.

20 37. A method for deicing an icy surface, comprising applying to said icy surface an amount of a deicing agent effective to reduce the level of ice on said surface, said composition comprising desugared cane sugar molasses.

38. A method according to claim 36, said surface being selected from the group consisting of a road, a walkway, and a machine surface.